

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 02219866
PUBLICATION DATE : 03-09-90

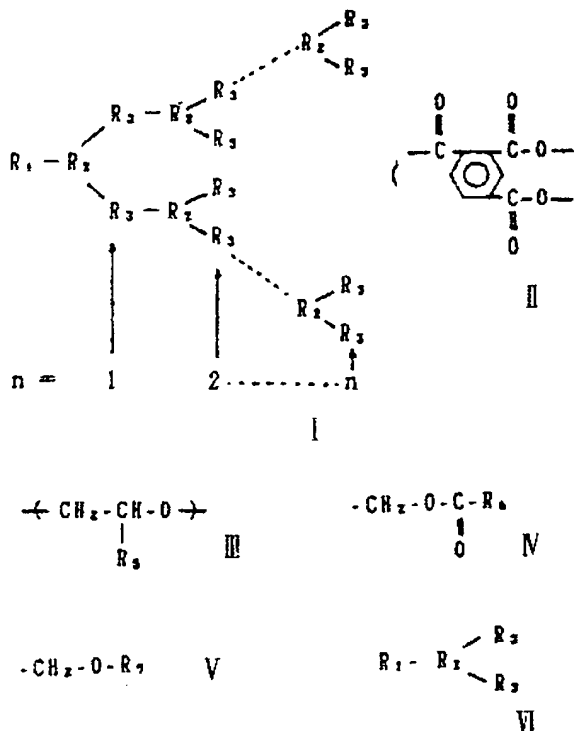
APPLICATION DATE : 22-02-89
APPLICATION NUMBER : 01040393

APPLICANT : NIPPON OIL & FATS CO LTD;

INVENTOR : MATSUKURA YOSHIKI;

INT.CL. : C09C 3/10

TITLE : PIGMENT DISPERSING AGENT



ABSTRACT : PURPOSE: To prepare a pigment dispersing agent providing excellent dispersibility and storage stability to a basic pigment by incorporating a specified trimellitic acid deriv.

CONSTITUTION: At least one of trimellitic anhydride deriv. of formula I [wherein R₁ is R₄-O- (wherein R₄ is a residue of a hydroxyl-terminated polyester monool with a wt. average MW of 1,000-100,000); R₂ is a trimellitic acid residue (a group of formula II); R₃ is H when R₃ is positioned at the terminal and formula III (wherein R₅ is an arom. group or a 5-19C alkyl; R₆, a group of formula IV, is a 3-17C alkyl or an arom. residue and R₇, a group of formula V, is a 4-18C alkyl or an arom. group); n=1-5; and when n=1, it is formula IV] is incorporated to obtain a pigment dispersing agent, which is used when a pigment is dispersed in a coating compsn. in preparing a pigment and an ink and provides excellent dispersibility and storage stability for not only acidic pigments but also basic pigments.

COPYRIGHT: (C)1990,JPO&Japio